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Web Developers

The most popular of programmers are people who are engaged in the development, design or promotion of websites - web programmers. Web development of websites, mobile applications and services is a popular direction in the field of IT. There are a lot of people in this specialty, but it is relatively easy for them to find a job.

What are the main reasons why web developers will remain popular in the near future.

1. Lack of IT specialists

According to dp.ru, there are not enough IT specialists in Russia. Their share of the economically active population is 2.4%, which is almost three times less than that of Finland, our neighbor. Analysts predict that in 4 years the need for qualified IT workers will increase to 300,000 people per year.

2. The variety of web developers on the market

Everyone should do what suits him best. There are three directions in this industry:

Backend developer - this is a specialist who deals with the software and administrative part of a web application, the internal content of the system, server technologies - database, architecture, software logic.

Frontend developer is a specialist who is responsible for creating the user interface of a website, application or software.

If the Backend developer is the one who does what is "under the hood" on the web server, then the Frontend developer does what the user sees in the browser and interacts with when he enters data and receives feedback.

Fullstack. Understands frontend and backend at the same time. They are also called full-cycle developers.

Each person can choose their own direction. Web development is quite easy and quick to learn, it is a profession that is directly related to the study of libraries (ready-made code) and tools, where your growth is compared with your knowledge and where your demand depends on this knowledge.

3. The popularity of programming languages

Web development is divided into several programming languages. Each language is more or less responsible for its task with its own. The most popular are JavaScript, PHP, Java, HTML and CSS, SQL, Python, C, C++, Ruby, Go.

JavaScript is a programming language for writing frontend and backend parts of websites.

PHP is needed to write programs that run on the server and perform various server tasks, such as sending mail, interacting with the database, etc.

Java is especially popular in the financial sector, as it is used to create reliable websites whose servers should not be affected by a large number of requests.

HTML is a standardized document markup language for viewing web pages in a browser. It is needed to display in the browser a specially formatted document with many nested elements: headers, paragraphs, lists, hyperlinks, media sources, the location of images, video and audio.

CSS is a style sheet language that allows you to change font styles, text and color of structured documents such as HTML.

SQL is a declarative programming language used to create, modify and manage data in a relational database managed by a corresponding database management system.

4. Demand in business

Rosstat assures that 81% of all Russians use the Internet — that's about 118 million people. The presence of such a number of potential buyers can turn the head of every entrepreneur. In accordance with this, they have a need to create their own Internet resource. According to statistics, 54.4% of

able-bodied Russians are buyers of online stores, which makes the Internet one of the main tools in market relations between people.

5. Every year it gets easier

Every year we release and create new tools and libraries for website development, which in turn greatly simplifies the life of the developer and makes the process of creating a website much more interesting and easier. And due to the growing polarity of the Internet and its role in the marriage of people, many companies that have developed languages in which web development is carried out do not lose their relevance and continue to develop in big steps.

In the nearest future, web developers will be the most relevant vacancy, depending on the level of the specialist, the salary in Russia varies from 50 to 250 thousand rubles, which is one of the indicators of demand and relevance in the labor market of web developers. There are no opposite prerequisites for the demand for web development specialists. Almost everyone uses websites, social networks, applications, services, and the growth will only continue.